

128

NOTRE DAME JOURNAL OF FORMAL LOGIC

Edited by

Bolesław Sobociński

VOLUME IV

1963

VOLUME IV

1963

Published quarterly by the University of Notre Dame Press
Notre Dame, Indiana

NOTRE DAME JOURNAL OF FORMAL LOGIC

Volume IV — 1963

CONTENTS

Logical determinism. By <i>Zbigniew Jordan</i>	1
A rule - completeness theorem. By <i>Nuel D. Belnap, Jr.</i> and <i>Richmond H. Thomason</i>	39
Addendum to my article "Proof of some theorems on recursively enumerable sets". By <i>Th. Skolem</i>	44
Avicenna on the logic of "conditional" prepositions. By <i>Nicholas Rescher</i>	48
A standard form for Łukasiewicz many - valued logics. By <i>Robert E. Clay</i>	59
A note on the generalized continuum hypothesis. II. By <i>Bolesław Sobociński</i>	67
On strengthening intuitionistic logic. By <i>Richard E. Vesley</i>	80
Proof routines for the propositional calculus. By <i>Hugues Leblanc</i>	81
A system of quantificational deduction. By <i>Thomas E. Patton</i>	105
Lógica propositional en Juan de Sante Tomás By <i>Alberto Moreno</i>	113
A note on a problem concerning the axiomatic foundations of mereology. By <i>Czesław Lejewski</i>	135
Note on Copi's system. By <i>Gerald J. Massey</i>	140
Completeness of Copi's method of deduction. By <i>John Thomas Canty</i>	142
Toward a pragmatcal explication of epitemic modalities. By <i>Albert M. Sweet</i>	145
S1° and Brouwerian axioms. By <i>Ivo Thomas</i>	151
S1° and generalized S5 - axioms. By <i>Ivo Thomas</i>	153
A note on modal systems. By <i>Bolesław Sobociński</i>	155
On differences of certain structured sets. By <i>Albert A. Mullin</i>	158

Obituary of Thoralf A. Skolem	161
Studies on the axiom of comprehension. By <i>Th. Skolem</i>	162
Notes on the axiomatics of propositional calculus. By <i>C. A. Meredith</i> and <i>A. N. Prior</i>	171
Postulates for the substitutive algebra on the 2 - valued calculus of proposition. By <i>Karl Menger</i> and <i>Martin Schultz</i>	188
Relations irreducible to classes. By <i>F. G. Asenjo</i>	193
On some recent criticism of Church's thesis. By <i>Elliott Mendelson</i>	201
Jakobson theory of ringoids. By <i>S. K. Sehgal</i>	206
Truth value assignment in predicate calculus of first order. By <i>Setsuo Saito</i>	216
A stipulation of a modal propositional calculus in terms of modalized truth - values. By <i>Charles E. Caton</i>	224
Bases for S4 and S4.2 without added axioms. By <i>J. Jay Zeman</i>	227
A final note on $S1^\circ$ and the Brouwerian axioms. By <i>Ivo Thomas</i>	231
A note on the generalized continuum hypothesis. III. By <i>Bolesław Sobociński</i>	233
Walter Burleigh's hypothetical syllogistic. By <i>Ivan Boh</i>	241
A note on constructible sets of integers. By <i>Hilary Putnam</i>	270
Variations on a theme of Bernays. By <i>John Myhill</i>	274
On Gödel's proof that $V = L$ implies the generalized continuum hypothesis. By <i>Raouf Doss</i>	283
Existential import revisited. By <i>Karel Lambert</i>	288
Programming the functions of formal logic. II. By <i>S. Summersbee</i> and <i>A. Walters</i>	293
Propositional logic in Plato's Protagoras. By <i>Kenneth M. Sayre</i>	306
On not strengthening intuitionistic logic. By <i>N. D. Belnap, Jr.</i> , <i>H. Leblanc</i> and <i>R. H. Thomason</i>	313